À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-ATX3,ATXN3

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:13505-1-AP Phare 16 Publications

## Informations de base

Numéro de catalogue:
13505-1-AP

Taille:
150ul , Concentration: 500 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG4341

Numéro d'acquisition GenBank:
BC033711

Identification du gène (NCBI):
4287

Nom complet:
ataxin 3

MW calculé
370 aa, 43 kDa

MW observés:
35-42 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IHC 1:20-1:200

## Applications

Applications testées:
IHC, IP, WB, ELISA

Demandes citées:
CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, porc, souris, Caenorhabditis elegans

***Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.***

Contrôles positifs:

WB : cellules Neuro-2a, cellules HEK-293, tissu cardiaque de souris, tissu cérébral de rat, tissu cérébral de souris, tissu placentaire de souris

IHC : tissu de cancer du pancréas humain,

## Informations générales

ATXN3, which has deubiquitinase activity and act as a component of the ubiquitin proteasome system, plays a role in transcriptional regulation and neuroprotection. ATXN3 interacts with RAD23, HHR23A and HHR23B, involves in the pathology of MJD. ATXN3 is a mixed-linkage, chain-editing enzyme and that the UIM region of ATXN3 regulates its substrate specificity. Contains an N-terminal deubiquitinating domain, called the Josephin domain, followed by 2 ubiquitin-interacting motifs (UIMs) and a polyQ tract near the C terminus. ATXN3 can be phosphorylated in a protein casein kinase-2-dependent manner, thus the MW would be larger than the predicted one.

## Publications notables

| Autrice | Pubmed ID | Journal | Application |
|---|---|---|---|
| Nitchakarn Kaokhum | 36182100 | Mol Cell Proteomics | WB |
| Pawel M Switonski | 25301414 | Neurobiol Dis | WB |
| Qian Feng | 29802126 | J Immunol | WB |

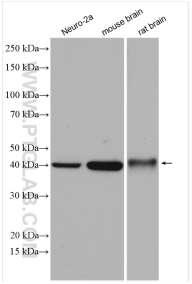
## Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

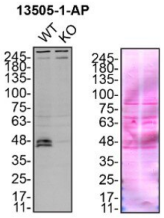
*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

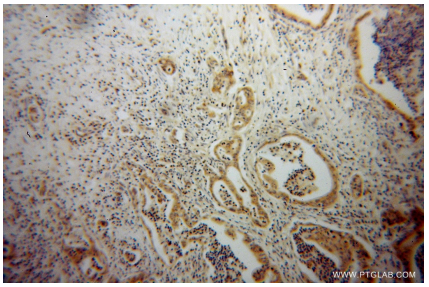
# Données de validation sélectionnées



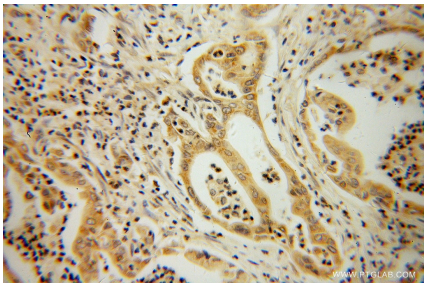

Various lysates were subjected to SDS PAGE followed by western blot with 13505-1-AP (ATX3,ATXN3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



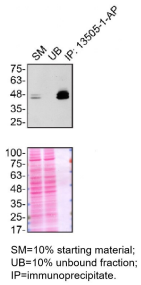

HEK-293 (WT and ATXN3 KO) lysates prepared with RIPA buffer, 30 µg protein loaded. 13505-1-AP incubated at 1:1000 at 4°C overnight in 5% BSA in TBST. Ponceau stained transfers shown on right. Data provided by YCharOS, an open science company with a mission to validate commercial antibodies to improve scientific reproducibility and transparency.




Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 13505-1-AP (ATX3,ATXN3 antibody) at dilution of 1:100 (under 10x lens).




Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 13505-1-AP (ATX3,ATXN3 antibody) at dilution of 1:100 (under 40x lens).




HEK-293 lysates prepared and IP of ATXN3 performed using 1.0 µg of 13505-1-AP coupled to protein A- Sepharose beads. The Ponceau stained transfers of each blot are shown. Data provided by YCharOS, an open science company with a mission to validate commercial antibodies to improve scientific reproducibility and transparency.